

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 3791-13-CON	SERIAL NO. Not Yet Assigned
	APPLICANT JOHNSON et al.	
	FILING DATE Herewith	GROUP ART 3749

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
<i>HA</i> 12/18/03	1	6,484,651 *	11/26/02	Shepard, Jr. et al.	110	342	
<i>HA</i> 12/18/03	2	6,267,802 *	07/31/01	Baldrey	95	58	
<i>HA</i> 12/18/03	3	6,221,001 *	04/24/01	Comer	588	252	
<i>HA</i> 12/18/03	4	5,893,943 *	04/13/99	Durham	95	65	
<i>HA</i> 12/18/03	5	5,855,649 *	06/05/99	Durham	95	71	
<i>HA</i> 12/18/03	6	5,364,421 *	11/15/94	Westby	44	608	
<i>HA</i> 12/18/03	7	5,307,743 *	05/03/94	Jones	102	307	
<i>HA</i> 12/18/03	8	5,196,648 *	03/23/93	Jones	102	307	
<i>HA</i> 12/18/03	9	5,052,312 *	10/01/91	Rackley	110	346	
<i>HA</i> 12/18/03	10	5,022,329 *	06/11/91	Rackley	110	237	
<i>HA</i> 12/18/03	11	5,001,994 *	03/26/91	Morimoto et al.	110	342	
<i>HA</i> 12/18/03	12	4,831,942 *	05/23/89	Morimoto et al.	110	345	
<i>HA</i> 12/18/03	13	4,598,652 *	07/08/86	Hepworth	110	345	
<i>HA</i> 12/18/03	14	4,377,118 *	03/22/83	Sadowski	110	343	
<i>HA</i> 12/18/03	15	4,173,454 *	11/06/79	Heins	44	1 SR	
<i>HA</i> 12/18/03	16	4,057,398 *	11/08/77	Bennett	44	4	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

EXAMINER <i>H.B. [Signature]</i>	DATE CONSIDERED <i>12/19/03</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

MISSING DOCUMENTS SENT 7/29/04  
DOCUMENTS REVIEWED 9/22/04

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

<del>17/2/03</del>	17	Declaration of Richard Schlager; September 18, 2002
<del>7/2/04</del>	18	SAGE, et al., "Relationship of Coal-Ash Viscosity to Chemical Composition," Journal of Engineering for Power, April 1960, pages 145-155;
<del>8/2/04</del>	19	"Cyclone Furnaces," Steam/its generation and use, Chapter 10, (Babcock & Wilcox) 37 pages (1972)

EXAMINER <i>K.B.R.</i>	DATE CONSIDERED <i>11/2/03</i>
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 3791-13-CON	SERIAL NO. 10/622,677
	APPLICANT JOHNSON et al.	
	FILING DATE July 18, 2003	GROUP ART 3749

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
<i>JL</i>	1	20020088170	7/11/2002	Sanyal	44	627	
<i>JL</i>	2	6,258,456 ~	7/10/2001	Meyer	428	403	
<i>JL</i>	3	6,165,366 ~	12/26/2000	Sarangapani	210	666	
<i>JL</i>	4	6,139,751 ~	10/31/2000	Bogaert et al.	210	679	
<i>JL</i>	5	6,083,306 ~	7/4/2000	Cattani	96	157	
<i>JL</i>	6	5,899,678 ~	5/4/1999	Thomson et al.	431	2	
<i>JL</i>	7	5,894,806 ~	4/20/1999	Smyrliotis et al.	110	343	
<i>JL</i>	8	5,888,256	3/30/1999	Morrison	44	552	
<i>JL</i>	9	5,885,076 ~	3/23/1999	Ralls et al.	433	92	
<i>JL</i>	10	5,819,672 ~	10/13/1998	Radway et al.	110	344	
<i>JL</i>	11	5,797,742 ~	8/25/1998	Fraker	433	92	
<i>JL</i>	12	5,795,159 ~	8/18/1998	Ralls et al.	433	92	
<i>JL</i>	13	5,741,397 ~	4/21/1998	Kraver	159	25.2	
<i>JL</i>	14	5,679,259 ~	10/21/1997	Bolser	210	719	
<i>JL</i>	15	5,658,487 ~	8/19/1997	Carey et al.	252	180	
<i>JL</i>	16	5,613,851 ~	3/25/1997	Trawöger et al.	433	92	
<i>JL</i>	17	5,577,910 ~	11/26/1996	Holland	433	92	
<i>JL</i>	18	5,357,002 ~	10/18/1994	Lezzi et al.	525	332.2	
<i>JL</i>	19	5,333,558 ~	8/2/1994	Lees, Jr.	110	346	
<i>JL</i>	20	5,324,336 ~	6/28/1994	Child	44	608	
<i>JL</i>	21	5,320,051 ~	6/14/1994	Nehls, Jr.	110	345	
<i>JL</i>	22	5,282,430 ~	2/1/1994	Nehls, Jr.	110	345	
<i>JL</i>	23	5,207,164 ~	5/4/1993	Breen et al.	110	345	
<i>JL</i>	24	5,114,578 ~	5/19/1992	Sundström	210	256	
<i>JL</i>	25	5,017,135 ~	5/21/1991	Meyer	433	92	
<i>JL</i>	26	4,918,826 ~	4/24/1990	Aizner	210	788	
<i>JL</i>	27	4,843,980 ~	7/4/1989	Markham et al.	110	342	

EXAMINER <i>JL</i>	DATE CONSIDERED <i>12/18/03</i>
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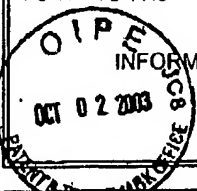
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1/10/1989	28	4,796,548 ~	1/10/1989	Merrell et al.	110	343	
11/15/1988	29	4,784,670 ~	11/15/1988	Najjar	48	197 R	
8/23/1988	30	4,765,258 ~	8/23/1988	Zauderer	110	347	
6/28/1988	31	4,753,632 ~	6/28/1988	Hofmann et al.	494	43	
5/3/1988	32	4,741,278 ~	5/3/1988	Franke et al.	110	342	
11/17/1987	33	4,706,579 ~	11/17/1987	Merrell	110	343	
6/9/1987	34	4,671,804 ~	6/9/1987	Najjar	48	197 R	
5/26/1987	35	4,668,429 ~	5/26/1987	Najjar	252	373	
3/25/1986	36	4,577,566 ~	3/25/1986	Merrell	110	343	
2/25/1986	37	4,572,085 ~	2/25/1986	Hepworth	110	345	
1/14/1986	38	4,564,374 ~	1/14/1986	Hofmann	55	57	
4/30/1985	39	4,514,256 ~	4/30/1985	Kober et al.	162	30.11	
3/27/1984	40	4,438,709	3/27/1984	Borio et al.	110	347	
5/31/1983	41	4,385,891 ~	5/31/1983	Ugotti	433	92	
2/8/1983	42	4,372,227	2/8/1983	Mahoney et al.	110	342	
12/9/1980	43	4,238,329 ~	12/9/1980	Zievers	210	36	
4/11/1978	44	4,083,783 ~	4/11/1978	Wing et al.	210	54	
9/27/1977	45	4,051,316 ~	9/27/1977	Wing et al.	536	107	
3/30/1976	46	3,947,354 ~	3/30/1976	Swanson et al.	210	53	
7/16/1974	47	3,823,676 ~	7/16/1974	Cook et al.	110	1 J	
7/25/1967	48	3,332,755 ~	7/25/1967	Kukin	44	4	
10/17/1961	49	3,004,836 ~	10/17/1961	Thompson	44	4	
7/22/1958	50	2,844,112 ~	7/22/1958	Muller	110	1	

## FOREIGN PATENT DOCUMENTS

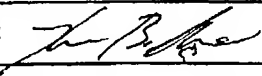
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
1/10/1991	51	CN 1052838	7/10/1991	China	C04B	7/02		
11/17/1990	52	EP 0 433 674	11/17/1990	Europe	C22B	19/00		

EXAMINER <i>KDA</i>	DATE CONSIDERED <i>12/18/03</i>
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53	FR 1394847	4/9/1965	France	C21C	20		
54	JP 11-94234	1999	Japan	F23J	7700		X
55	WO 91/09977	7/11/1991	PCT	C22B	19/04		
56	WO 86/04602	8/14/1986	PCT	C10M	135/00		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

57	"ADA-ES Tests New Broiler Product"; <i>Coal Daily</i> ; April 18, 2000; 1 pg.
58	Aldrich Chemical catalog; <i>Aldrich Chemical Co., Inc.</i> ; 1996; pp. 863-866.
59	"Burning PRB Coals ADA Environmental Offers Flyash Solutions"; <i>Western Coal Advisory</i> ; Summer/Autumn 1999
60	"Chapter 15: Fuel-ash Effects on Boiler Design and Operation"; <i>Steam by The Babcock and Wilcox Company</i> ; 1972; pp. 15-1 to 15-16.
61	Revised Declaration of Richard Schlager, August 19, 2003

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